

EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|------------------------------|------------------|---------|------------------|
| L1 | 0 | (2001/0031346).CCLS. | US-PGPUB | OR | OFF | 2010/05/18 12:37 |
| L2 | 1 | ("20010031346").PN. | US-PGPUB | OR | OFF | 2010/05/18 12:38 |
| S1 | 15 | ((EIJ) near2 (IWAMURA)).INV. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/06/25 09:26 |
| S2 | 7 | ((("5848124") or ("5860584") or ("4318738") or ("5679269") or ("5559367") or ("5674355") or ("5260107")).PN. | USPAT; USOCR | OR | OFF | 2008/06/25 09:43 |
| S3 | 1 | ("6821624").PN. | USPAT; USOCR | OR | OFF | 2008/06/25 09:53 |
| S4 | 1 | ("20010024737").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/06/25 09:54 |
| S5 | 1 | ("H001924").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/06/25 09:56 |
| S6 | 15 | ((EIJ) near2 (IWAMURA)).INV. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/06/25 13:45 |
| S7 | 4 | S6 (titanium) | US-PGPUB; USPAT; USOCR | AND | OFF | 2008/06/25 13:45 |
| S8 | 0 | S6 (zirconium) | US-PGPUB; USPAT; USOCR | AND | OFF | 2008/06/25 13:45 |
| S9 | 0 | S6 (halfnium) | US-PGPUB; USPAT; USOCR | AND | OFF | 2008/06/25 13:45 |
| S10 | 2 | S6 (Yttrium) | US-PGPUB; USPAT; USOCR | AND | OFF | 2008/06/25 13:45 |
| S11 | 0 | ((("2000146624") or ("2002009604")).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/06/25 14:48 |

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|-----|------|---|------------------------------|-----|-----|---------------------|
| S12 | 1 | ((("20000146624") or ("20020009604")).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/06/25 14:48 |
| S13 | 2 | ((("20020146624") or ("20020009604")).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/06/25 14:49 |
| S14 | 1070 | (423/445R).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/06/25 16:08 |
| S15 | 0 | ("L1(amorphous)").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/06/25 16:08 |
| S16 | 241 | S14 (amorphous) | US-PGPUB; USPAT; USOCR | AND | OFF | 2008/06/25 16:08 |
| S17 | 47 | S16 (titanium) | US-PGPUB; USPAT; USOCR | AND | OFF | 2008/06/25 16:08 |
| S18 | 13 | S16 (zirconium) | US-PGPUB; USPAT; USOCR | AND | OFF | 2008/06/25 16:09 |
| S19 | 0 | S16 (hafnium) | US-PGPUB; USPAT; USOCR | AND | OFF | 2008/06/25 16:09 |
| S20 | 5 | S16 (hafnium) | US-PGPUB; USPAT; USOCR | AND | OFF | 2008/06/25 16:09 |
| S21 | 0 | S16 (yttrium) | US-PGPUB; USPAT; USOCR | AND | OFF | 2008/06/25 16:09 |
| S22 | 38 | S17 (density) | US-PGPUB; USPAT; USOCR | AND | OFF | 2008/06/25 16:33 |
| S23 | 1 | ("5413873").PN. | USPAT; USOCR | OR | OFF | 2008/07/03 18:17 |
| S24 | 0 | ((("20020146624") or ("20020096048")).PN. | USPAT; USOCR | OR | OFF | 2008/07/03 18:25 |
| S25 | 2 | ((("20020146624") or ("20020096048")).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/07/03 18:25 |
| S26 | 1123 | (423/445R).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/06/16 15:31 |
| S27 | 145 | S26 (titanium) | US-PGPUB; USPAT; USOCR | AND | OFF | 2009/06/16 15:31 |

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|-----|------|-------------------------|------------------------------|-----|-----|---------------------|
| S28 | 103 | S26 ("Ti") | US-PGPUB; USPAT; USOCR | AND | OFF | 2009/06/16 15:31 |
| S29 | 30 | S26 (Zirconium) | US-PGPUB; USPAT; USOCR | AND | OFF | 2009/06/16 15:32 |
| S30 | 20 | S26 ("Zr") | US-PGPUB; USPAT; USOCR | AND | OFF | 2009/06/16 15:32 |
| S31 | 0 | S26 ("Hafnium") | US-PGPUB; USPAT; USOCR | AND | OFF | 2009/06/16 15:32 |
| S32 | 0 | S26 (Hafnium) | US-PGPUB; USPAT; USOCR | AND | OFF | 2009/06/16 15:32 |
| S33 | 72 | S26 ("Hf") | US-PGPUB; USPAT; USOCR | AND | OFF | 2009/06/16 15:32 |
| S34 | 2 | S26 (Yttrium) | US-PGPUB; USPAT; USOCR | AND | OFF | 2009/06/16 15:34 |
| S35 | 406 | S26 ("Y") | US-PGPUB; USPAT; USOCR | AND | OFF | 2009/06/16 15:34 |
| S37 | 1 | S29 (sputtering) | US-PGPUB; USPAT; USOCR | AND | OFF | 2009/06/16 15:35 |
| S38 | 1 | S34 (sputtering) | US-PGPUB; USPAT; USOCR | AND | OFF | 2009/06/16 15:35 |
| S39 | 1123 | (423/445R).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/06/16 15:37 |
| S40 | 145 | S39 (titanium) | US-PGPUB; USPAT; USOCR | AND | OFF | 2009/06/16 15:37 |
| S41 | 13 | S40 (sputtering) | US-PGPUB; USPAT; USOCR | AND | OFF | 2009/06/16 15:37 |
| S42 | 27 | S40 (vacuum deposition) | US-PGPUB; USPAT; USOCR | AND | OFF | 2009/06/16 15:48 |
| S43 | 4 | S40 (ion plating) | US-PGPUB; USPAT; USOCR | AND | OFF | 2009/06/16 15:58 |
| S44 | 18 | S40 (ion beam) | US-PGPUB; USPAT; USOCR | AND | OFF | 2009/06/16 15:58 |

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|-----|-------|-------------------------|------------------------------|------|-----|---------------------|
| S45 | 30 | S39 (Zirconium) | US-PGPUB; USPAT; USOCR | AND | OFF | 2009/06/16 16:02 |
| S46 | 1 | S45 (sputtering) | US-PGPUB; USPAT; USOCR | AND | OFF | 2009/06/16 16:02 |
| S47 | 12 | S45 (vacuum deposition) | US-PGPUB; USPAT; USOCR | AND | OFF | 2009/06/16 16:02 |
| S48 | 0 | S45 (ion plating) | US-PGPUB; USPAT; USOCR | AND | OFF | 2009/06/16 16:02 |
| S49 | 2 | S45 (ion beam) | US-PGPUB; USPAT; USOCR | AND | OFF | 2009/06/16 16:03 |
| S50 | 1 | ("20060246290").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/06/22 00:11 |
| S51 | 1 | ("5753387").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/06/22 00:13 |
| S52 | 1 | ("5679431").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/06/22 00:47 |
| S53 | 1 | ("5679431").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/06/22 00:50 |
| S54 | 1 | ("4851095").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/06/22 01:00 |
| S55 | 1 | ("4503125").PN. | USPAT; USOCR | OR | OFF | 2009/06/22 01:05 |
| S56 | 0 | (2001/0031346).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/04/05 21:58 |
| S57 | 1 | ("20010031346").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/04/05 21:58 |
| S58 | 1 | ("4,503,125").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/04/07 11:09 |
| S59 | 13074 | carbon film | US-PGPUB; USPAT; USOCR | NEAR | OFF | 2010/04/07 12:40 |
| S60 | 6202 | S59 (amorphous) | US-PGPUB; USPAT; USOCR | AND | OFF | 2010/04/07 12:40 |

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|-----|-------|------------------------------------|------------------------------|------|-----|---------------------|
| S61 | 2939 | S60 (titanium) | US-PGPUB; USPAT; USOCR | AND | OFF | 2010/04/07 12:40 |
| S62 | 761 | S60 (zirconium) | US-PGPUB; USPAT; USOCR | AND | OFF | 2010/04/07 12:40 |
| S63 | 4 | S60 (hafnium) | US-PGPUB; USPAT; USOCR | AND | OFF | 2010/04/07 12:41 |
| S64 | 347 | S60 (yttrium) | US-PGPUB; USPAT; USOCR | AND | OFF | 2010/04/07 12:42 |
| S65 | 373 | S60 (hafnium) | US-PGPUB; USPAT; USOCR | AND | OFF | 2010/04/07 12:42 |
| S66 | 119 | S61 S62 S64 S65 | US-PGPUB; USPAT; USOCR | AND | OFF | 2010/04/07 12:43 |
| S67 | 15918 | amorphous carbon | US-PGPUB; USPAT; USOCR | NEAR | OFF | 2010/04/07 12:46 |
| S68 | 6220 | S67 (titanium) | US-PGPUB; USPAT; USOCR | AND | OFF | 2010/04/07 12:46 |
| S69 | 4499 | S67 ("Ti") | US-PGPUB; USPAT; USOCR | AND | OFF | 2010/04/07 12:46 |
| S70 | 2174 | S67 (zirconium) | US-PGPUB; USPAT; USOCR | AND | OFF | 2010/04/07 12:47 |
| S71 | 1764 | S67 ("Zr") | US-PGPUB; USPAT; USOCR | AND | OFF | 2010/04/07 12:47 |
| S72 | 890 | S67 (hafnium) | US-PGPUB; USPAT; USOCR | AND | OFF | 2010/04/07 12:47 |
| S73 | 1984 | S67 ("Hf") | US-PGPUB; USPAT; USOCR | AND | OFF | 2010/04/07 12:47 |
| S74 | 893 | S67 (yttrium) | US-PGPUB; USPAT; USOCR | AND | OFF | 2010/04/07 12:47 |
| S75 | 10100 | S67 ("Y") | US-PGPUB; USPAT; USOCR | AND | OFF | 2010/04/07 12:48 |
| S76 | 12984 | S68 S69 S70 S71 S72 S73 S74 S75 | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/04/07 12:48 |

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|-----|-------|------------------------------------|------------------------------|------|-----|---------------------|
| S77 | 5368 | S76 (sputter\$3) | US-PGPUB; USPAT; USOCR | AND | OFF | 2010/04/07 12:48 |
| S78 | 4164 | S77 (pressure) | US-PGPUB; USPAT; USOCR | AND | OFF | 2010/04/07 12:49 |
| S79 | 1469 | S78 ("Pa") | US-PGPUB; USPAT; USOCR | AND | OFF | 2010/04/07 12:52 |
| S80 | 15941 | amorphous carbon | US-PGPUB; USPAT; USOCR | NEAR | OFF | 2010/04/10 20:57 |
| S81 | 6231 | S80 (titanium) | US-PGPUB; USPAT; USOCR | AND | OFF | 2010/04/10 20:57 |
| S82 | 4507 | S80 ("Ti") | US-PGPUB; USPAT; USOCR | AND | OFF | 2010/04/10 20:57 |
| S83 | 2179 | S80 (zirconium) | US-PGPUB; USPAT; USOCR | AND | OFF | 2010/04/10 20:57 |
| S84 | 1771 | S80 ("Zr") | US-PGPUB; USPAT; USOCR | AND | OFF | 2010/04/10 20:57 |
| S85 | 891 | S80 (hafnium) | US-PGPUB; USPAT; USOCR | AND | OFF | 2010/04/10 20:57 |
| S86 | 1990 | S80 ("Hf") | US-PGPUB; USPAT; USOCR | AND | OFF | 2010/04/10 20:57 |
| S87 | 894 | S80 (yttrium) | US-PGPUB; USPAT; USOCR | AND | OFF | 2010/04/10 20:57 |
| S88 | 10123 | S80 ("Y") | US-PGPUB; USPAT; USOCR | AND | OFF | 2010/04/10 20:57 |
| S89 | 13007 | S81 S82 S83 S84 S85 S86 S87 S88 | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/04/10 20:57 |
| S90 | 5376 | S89 (sputter\$3) | US-PGPUB; USPAT; USOCR | AND | OFF | 2010/04/10 20:57 |
| S91 | 4171 | S90 (pressure) | US-PGPUB; USPAT; USOCR | AND | OFF | 2010/04/10 20:57 |
| S92 | 3211 | S91 (vacuum) | US-PGPUB; USPAT; USOCR | AND | OFF | 2010/04/10 20:57 |

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|------|-------|---|------------------------------|-----|-----|---------------------|
| S93 | 1 | ("5848124").PN. | USPAT; USOCR | OR | OFF | 2010/04/10 21:22 |
| S94 | 1 | ("4503125").PN. | USPAT; USOCR | OR | OFF | 2010/04/10 22:12 |
| S95 | 0 | ((2002/0127351) or (2003/0031620) or (2001/0016283)).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/05/09 21:16 |
| S96 | 3 | ((("20020127351") or ("20030031620") or ("20010016283"))).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/05/09 21:16 |
| S97 | 1322 | (204/192.1).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/05/09 23:06 |
| S98 | 305 | S97 (amorphous) | US-PGPUB; USPAT; USOCR | AND | OFF | 2010/05/09 23:06 |
| S99 | 140 | S98 (titanium) | US-PGPUB; USPAT; USOCR | AND | OFF | 2010/05/09 23:06 |
| S100 | 4 | S99 (pore) | US-PGPUB; USPAT; USOCR | AND | OFF | 2010/05/09 23:06 |
| S101 | 49 | S97 ("amorphous carbon") | US-PGPUB; USPAT; USOCR | AND | OFF | 2010/05/09 23:07 |
| S102 | 2 | ((("20020146624") or ("20020009604"))).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/05/09 23:18 |
| S103 | 1 | ("20010031346").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/05/10 09:14 |
| S104 | 10104 | (204/192.1-192.38).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/05/10 09:41 |
| S105 | 3210 | S104 (titanium) | US-PGPUB; USPAT; USOCR | AND | OFF | 2010/05/10 09:41 |
| S106 | 326 | S105 (graphite) | US-PGPUB; USPAT; USOCR | AND | OFF | 2010/05/10 09:41 |
| S107 | 173 | S106 (sputter) | US-PGPUB; USPAT; USOCR | AND | OFF | 2010/05/10 09:42 |
| S108 | 1 | ("6409897").PN. | USPAT; USOCR | OR | OFF | 2010/05/10 09:50 |
| S109 | 518 | S104 (porous film) | US-PGPUB; USPAT; USOCR | AND | OFF | 2010/05/10 09:52 |

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|------|------|----------------------------------|------------------------------|-----|-----|---------------------|
| S110 | 235 | S109 (titanium) | US-PGPUB; USPAT; USOCR | AND | OFF | 2010/05/10 09:52 |
| S111 | 31 | S110 (hydrogen storage) | US-PGPUB; USPAT; USOCR | AND | OFF | 2010/05/10 09:53 |
| S112 | 808 | (204/298.12-298.13). OCLS. | USPAT; USOCR | OR | OFF | 2010/05/10 09:57 |
| S113 | 307 | S112 (titanium) | US-PGPUB; USPAT; USOCR | AND | OFF | 2010/05/10 09:57 |
| S114 | 34 | S113 (graphite) | US-PGPUB; USPAT; USOCR | AND | OFF | 2010/05/10 09:57 |
| S115 | 122 | S112 (composite) | US-PGPUB; USPAT; USOCR | AND | OFF | 2010/05/10 10:54 |
| S116 | 55 | S115 (titanium) | US-PGPUB; USPAT; USOCR | AND | OFF | 2010/05/10 10:54 |
| S117 | 15 | ((EIJ) near2 (IWAMURA)). INV. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/05/17 12:39 |
| S118 | 5484 | (204/298.01-298.29). OCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/05/17 13:59 |
| S119 | 1600 | S118 (titanium) | US-PGPUB; USPAT; USOCR | AND | OFF | 2010/05/17 14:01 |
| S120 | 1035 | S118 (Ti) | US-PGPUB; USPAT; USOCR | AND | OFF | 2010/05/17 14:01 |
| S121 | 398 | S118 (zirconium) | US-PGPUB; USPAT; USOCR | AND | OFF | 2010/05/17 14:01 |
| S122 | 347 | S118 (Zr) | US-PGPUB; USPAT; USOCR | AND | OFF | 2010/05/17 14:01 |
| S123 | 1 | S118 (hafnium) | US-PGPUB; USPAT; USOCR | AND | OFF | 2010/05/17 14:01 |
| S124 | 396 | S118 (Hf) | US-PGPUB; USPAT; USOCR | AND | OFF | 2010/05/17 14:01 |
| S125 | 161 | S118 (Yttrium) | US-PGPUB; USPAT; USOCR | AND | OFF | 2010/05/17 14:02 |

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|------|-------|--|------------------------------|------|-----|---------------------|
| S126 | 2077 | S118 (Y) | US-PGPUB; USPAT; USOCR | AND | OFF | 2010/05/17 14:02 |
| S127 | 3324 | S119 S120 S121 S122 S123 S124 S125 S126 | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/05/17 14:02 |
| S128 | 717 | S127 (carbon) | US-PGPUB; USPAT; USOCR | AND | OFF | 2010/05/17 14:02 |
| S129 | 407 | S128 (sputter) | US-PGPUB; USPAT; USOCR | AND | OFF | 2010/05/17 14:02 |
| S130 | 570 | S128 (film) | US-PGPUB; USPAT; USOCR | AND | OFF | 2010/05/17 14:03 |
| S131 | 331 | S129 S130 | US-PGPUB; USPAT; USOCR | AND | OFF | 2010/05/17 14:03 |
| S132 | 13256 | carbon film | US-PGPUB; USPAT; USOCR | NEAR | OFF | 2010/05/17 16:04 |
| S133 | 31 | S131 S132 | US-PGPUB; USPAT; USOCR | AND | OFF | 2010/05/17 16:04 |

5/18/2010 1:06:26 PM

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